

(FILE 'HOME' ENTERED AT 14:03:08 ON 12 FEB 2002)

FILE 'REGISTRY' ENTERED AT 14:03:16 ON 12 FEB 2002

L1           1 S AMYLOSUCRASE/CN  
            SEL L1

FILE 'CA, BIOSIS' ENTERED AT 14:03:58 ON 12 FEB 2002

L2           81 S E1-E3  
L3           19772 S DEXTRIN# OR MALTODEXTRIN#  
L4           6 S L3 AND L2  
L5           6 DUP REM L4 (0 DUPLICATES REMOVED)

FILE 'HOME' ENTERED AT 14:05:18 ON 12 FEB 2002

FILE 'CA, BIOSIS' ENTERED AT 14:07:14 ON 12 FEB 2002

SET SMA OFF  
SET SMA ON  
SET SMA LOGIN

FILE 'CA' ENTERED AT 14:18:17 ON 12 FEB 2002

L7           1 S L\*\*\*

FILE 'CA, BIOSIS' ENTERED AT 14:18:26 ON 12 FEB 2002

L Number	Hits	Search Text	DB	Time stamp
-	27	amylosucrase\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/12 14:01
-	21325	dextrin\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/12 13:56
-	5	dextrin\$1 and amylosucrase\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/12 14:01
-	4068	maltodextrin\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/12 14:01
-	3	maltodextrin\$1 and amylosucrase\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/12 14:01
-	0	(maltodextrin\$1 and amylosucrase\$1) not (dextrin\$1 and amylosucrase\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/02/12 14:01
-	0	amylosucrase\$1	USOCR	2002/02/12 14:01

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L5 6 DUP REM L4 (0 DUPLICATES REMOVED)

=> d ibib ab 1-6

L5 ANSWER 1 OF 6 CA COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 133:88306 CA  
TITLE: .alpha.-1,4-Glucan chain-containing polysaccharides  
and their manufacture  
INVENTOR(S): Weissmueller, Max; Quanz, Martin; Provart, Nicholas  
PATENT ASSIGNEE(S): Aventis Research und Technologies G.m.b.H. und Co.  
K.-G., Germany  
SOURCE: Ger. Offen., 10 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19860376	A1	20000706	DE 1998-19860376	19981228
WO 2000039321	A1	20000706	WO 1999-EP9299	19991130
W: AU, CA, CN, CZ, HR, HU, JP, KR, NO, PL, RU, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1141370	A1	20011010	EP 1999-962188	19991130
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.: DE 1998-19860376 A 19981228  
WO 1999-EP9299 W 19991130

AB Polysaccharides with reduced polydispersity, useful as drug tablet fillers, are manufd. by subjecting a glucosyl group acceptor, e.g., glycogen or **dextrin** to chain extension reaction with sucrose in the presence of an **amylosucrase**. The mol. ratio of the chain end groups available for the chain extension reaction to sucrose is at least 1:1000 and the wt. ratio of those groups to sucrose is at least 1:50. The process is useful for regulating the mol. wt. in the manuf. of polysaccharides.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 133:88306 CA  
 TITLE: .alpha.-1,4-Glucan chain-containing polysaccharides and their manufacture  
 INVENTOR(S): Weissmueller, Max; Quanz, Martin; Provar, Nicholas  
 PATENT ASSIGNEE(S): Aventis Research und Technologies G.m.b.H. und Co. K.-G., Germany  
 SOURCE: Ger. Offen., 10 pp.  
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L5 ANSWER 1 OF 6 CA COPYRIGHT 2002 ACS

RE

- (1) Anon; DE 19729273 A1 CA
- (2) Anon; WO 9531553 A1 CA
- (3) Anon; Can J Microbiol 1977, V23, P1303 - MIC
- (4) Anon; J Biol Chem 1974, V249, P126 - MIC
- (5) Petersen, S; Carbohydrate Bioengineering 1995, P313

2, QP701.C285